



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H090019-B

**Mode:** Highway

**Status:** Submitted

### I-26

**From/Cross Street:** US 64

**Specific Improvement Type:** 1 - Widen Existing Roadway

**To:** US 25 Business

**Project Category:** Statewide Mobility

**Length:** 5.72

**TIP#:** I-4400B

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$39,768,000

#### Description:

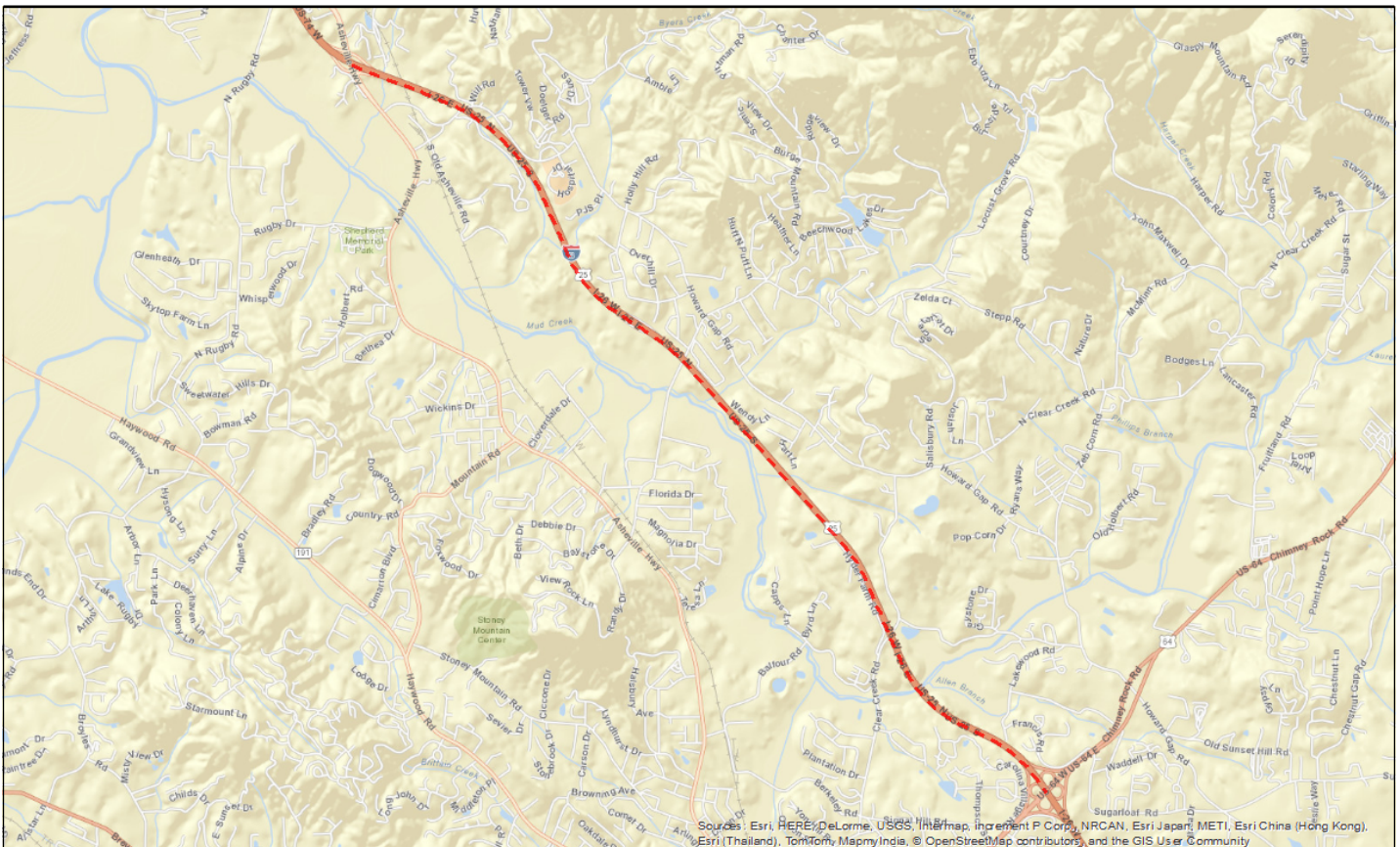
Add Additional Lanes.

**Division(s):** Division 14

**County(s):** HENDERSON

**MPOS(s)/RPO(s):** French Broad River MPO

#### Project Location



**Statewide Mobility Total Score: 36.05**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (10%) 58.24 Economic Competitiveness (10%) 26.51 Congestion (V/C) (30%) 67.58 [Travel Time] Benefit/Cost (30%) 3.56 Multimodal + [Freight & Military] (20%) 31.15	N/A	N/A
<b>Totals: Weight: 100% Weighted Score: 36.05</b>		

**Regional Impact Total Score: 40.64**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Safety (10%) 58.24 [Travel Time] Benefit/Cost (25%) 3.56 Accessibility / Connectivity (10%) 20.33 Congestion (V/C) (25%) 67.58	Percent: 15% Points: 0	Percent: 15% Points: 100
<b>Totals: Weight: 70% Weighted Score: 25.64</b>		

**Division Needs Total Score: 20.05**

<b>Quantitative Score</b>	<b>Division Engineer Local Input Points</b>	<b>MPO/RPO Local Input Points</b>
Congestion (V/C) (20%) 67.58 Safety (10%) 58.24 [Travel Time] Benefit/Cost (20%) 3.56	Percent: 25% Points: 0	Percent: 25% Points: 0
<b>Totals: Weight: 50% Weighted Score: 20.05</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	60
Length (miles):	5.72
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	10
Roadway has Curb & Gutter?	No
Volume (AADT):	55000
Capacity:	72400
Volume/Capacity Ratio:	0.76
% Autos:	89%
% Trucks:	11%
Truck Volume:	6230
Crash Density:	61.92
Crash Severity:	56.7
Critical Crash Rate:	56.11
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	60
Actual Congested Speed:	54.59
Travel Time Index:	1.1

**Project Benefits**

Project Cross-Section:	6B - 6 Lane Divided (27' Median with Jersey Barrier with Paved Shoulders)
Speed Limit:	60
Length (miles):	5.72
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	6139738.57
Travel Time Savings for 30 Years (Autos):	5444273.69
Travel Time Savings for 30 Years (Trucks):	695464.88
Long-Term Employment:	107
% Change in Economy:	0.00042319
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 14	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
French Broad River MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$38,768,000	TIP Unit
Right-of-Way Cost:	\$1,000,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$39,768,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$39,768,000</b>	